

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0013] with the following marked-up version of the paragraph:

[0013] Figure 3 illustrates a flowchart of a method for executing a transaction of one or more methods in a manner that the effects of the transaction may be at least partially undone even though a custom inversion process was not previously constructed for the transaction;

Please replace paragraph [0020] with the following marked-up version of the paragraph:

[0020] In the description that follows, the invention is described with reference to acts and symbolic representations of operations that are performed by one or more computers, unless indicated otherwise. As such, it will be understood that such acts and operations, which are at times referred to as being computer-executed, include the manipulation by the processing unit of the computer of electrical signals representing data in a structured form. This manipulation transforms the data or maintains them at locations in the memory system of the computer, which reconfigures or otherwise alters the operation of the computer in a manner well understood by those skilled in the art. The data structures where data are maintained are physical locations of the memory that have particular properties defined by the format of the data. However, while the invention is being described in the foregoing context, it is not meant to be limiting as those of skill in the art will appreciate that several of the acts and operations described hereinafter may also be implemented in hardware. Figure 1 shows a schematic diagram of an example computer architecture usable for these devices. ~~be implemented in hardware.~~

Please replace paragraph [0034] with the following marked-up version of the paragraph:

[0034] In this example, direct groups 410 include direct groups 411 through 414 amongst potentially many more as represented by the vertical ellipses 415. Conventional computing technology allows for automated identification of all the methods present in a system. Similarly, inversion groups 420 includes inversion groups 421 through 424 amongst potentially many more as represented by the vertical ellipses 425. As illustrated, the direct group 411 is mapped 431 to inversion group 421; the direct group 412 is mapped 432 to inversion group 422; the direct group

413 is mapped 433 to inversion group 423; and the direct group 414 is mapped ~~434~~ to inversion group 424. The mapping may just be to an identification of the corresponding inversion group. Likewise, the inversion group may include just an identification of the inversion methods.

Please replace paragraph [0045] with the following marked-up version of the paragraph:

[0045] At that stage, the transaction is committed (act 316). The compensation record is optionally saved to a persistent media (act 317) upon committing the transaction. The persistent media may be any memory or storage media capable of storing data despite system failures. For example, referring to Figure 1, the persistent media may be, for example, all or part of memory 104, removable storage 108, and/or non-removable storage 110. Although the compensation record is illustrated as being saved just after committing the transaction, this saving operation may be included as part of the transaction, and thus be performed just prior to committing the transaction. This would result in, for example, transaction record [[610]] 510 in the larger transaction [[600]] 500 being saved to a persistent media.

Please replace paragraph [0046] with the following marked-up version of the paragraph:

[0046] If there are more transactions (the Yes branch in decision block 318), then the step 310 would repeat for all of the transactions in the larger transaction [[600]] 500. Otherwise (the No branch in decision block 318), the process ends until more transactions are to be performed.